

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 00/01648

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61K 39/395

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 9636358 A1 (CEDARS-SINAI MEDICAL CENTER), 21 November 1996 (21.11.96), see page 8, line 1 - page 9, line 16; page 23, lines 1 - 17; page 59, line 32 - page 60, line 6; page 60, lines 16 - 19; abstract  --	1-13
Y	Dialog Information Services, File 5, Biosis Previews, Dialog accession no. 10512045, Boisis no. 199699133190, Koulmada, Maria et al: "Fetal pig islet xenografts in NOD/Lt mice: The effect of peritransplant anti-CD4 monoclonal antibody and graft immunodification on graft survival, and lack of expression of Gal(alpha-1-3) Gal on endocrine cells"; & Xenotransplantation 2 (4): p295-305 1995, see abstract  --	1-13



Further documents are listed in the continuation of Box C.



See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

2 January 2001

Date of mailing of the international search report

08-01-2001

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 9637602 A1 (DIACRIN, INC.), 28 November 1996 (28.11.96), see page 13, line 30 - page 14, line 7, abstract  --	1-14
A	Dialog Information Services, File 5, Biosis Previews, Dialog accession no. 11828942, Biosis no. 199900075051, Fox, Annette (a) et al: "Evidence that macrophages are required for T-cell infiltration and rejection of fetal pig pancreas xenografts in nonobese diabetic mice"; & Transplantation (Baltimore) 66 (11): p1407-1416 Dec. 15, 1998  --	1-14
A	XENOTRANSPLANTATION, Volume 4, 1997, Fryer, JP et al, "The role of monocytes and macrophages in delayed xenograft rejection", page 40 - page 48, see abstract  --	1-14
P,X	Eur. J. Neurosci. Suppl., Vol. 11, T.Brevig et al: "NEURAL XENOTRANSPLANTATION FOR BRAIN REPAIR: REDUCTION FOR PORCINE DONOR TISSUE IMMUNOGENICITY", Federation of European Neuroscience Societies Millenium meeting Brigh 2000, Abstract book/Federation of European Neuroscience Societies (FENS), Millenium meeting 24-28 June 2000, Brighton, UK Oxford 2000, page 294  -- -----	1-14

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## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 14  
because they relate to subject matter not required to be searched by this Authority, namely:  
**see extra sheet**
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.  
☐ No protest accompanied the payment of additional search fees.

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
**PCT/SE 00/01648**

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
WO	9636358	A1	21/11/96	CA	2221234 A	21/11/96
				EP	0827409 A	11/03/98
WO	9637602	A1	28/11/96	AU	5874896 A	11/12/96
				CA	2220007 A	28/11/96
				EP	0832193 A	01/04/98